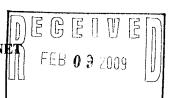
COMMONWEALTH OF KENTUCKY NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABIN DEPARTMENT FOR ENVIRNOMENTAL PROTECTION DIVISION OF WATER



APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water. This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

TELEPHONE #: 502	DSTOWN, KENTUCKY 40004 2.348.3064 EMAIL: 13 hamilton@bardste	own C
AGENT:		
	Give name of person(s) submitting application, if other than owner.	
ADDRESS:		
	EMAIL:	
engineer: <u>Raymo</u> i	NO W. IHLENBURG P.E. NUMBER: 10483	
Contact Divis FELEPHONE #: ちゅ2	ion of Water if waiver can be granted 587.7884 x Z6 EMAIL: ihlenbru@obg.co	m
DESCRIPTION OF COL	NSTRUCTION: THE TOTAL OF APPROXIMAT	
	NSTRUCTION: INSTALLATION OF APPASXIMAT Describe the type and purpose of construction and describe stream in GO-INCH DIAMETER PIPE TO CONVEY	npact
_	_	
		. 42
•	NTERMITTENT STREAM TO MAKE PROVI	
FOR A NEW	U WATER STORAGE TANK (CLEARWELL)	
FOR A NEW		
THE WATER T	U WATER STORAGE TANK (CLEARWELL)	
THE WATER TOUNTY: NELSO	U WATER STORAGE TANK (CLEARWELL)	4 <u>T</u>
THE WATER TOUNTY: NELSE	NEAREST COMMUNITY: BARDSTOWN LATITUDE/LONGITUDE: 37.80654/-8	4 ₇ -
THE WATER TOUNTY: NELSCUSTER QUAD NAME B	NEAREST COMMUNITY: BARDSTOWN LATITUDE/LONGITUDE: 37.80654/-8	4 ₇ -
THE WATER TOUNTY: NELSCUSS QUAD NAME BUTREAM NAME: ULLINEAR FEET OF STR	NEAREST COMMUNITY: BARDSTOWN NEAREST COMMUNITY: BARDSTOWN ARDSTOWN LATITUDE/LONGITUDE: 37.80654/-8 -NAMED WATERSHED SIZE (in acres): A EAM IMPACTED: 600 L F	45.50 70
THE WATER TOUNTY: NELSCUSTER OF STREAM NAME: ULL LINEAR FEET OF STREAM DIRECTIONS TO SITE	NEAREST COMMUNITY: BARDSTOWN LATITUDE/LONGITUDE: 37.80654/-8	45.50 70

IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes No If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: ESTIMATED BEGIN CONSTRUCTION DATE: MARCH Z009
ESTIMATED END CONSTRUCTION DATE: JULY 2010
HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes No If yes, attach a copy of that permit. REQUEST MADE 2.05.09 THE APPLICANT MUST ADDRESS PUBLIC NOTICE:
(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS: X
(b) I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:
Contact Division of Water for requirements. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
LIST OF ATTACHMENTS:
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS
topographic map clearly showing the project location.
KPDES FORM NOI-SW, USGS QUAD, VICINITY MAP, DRAWINGS 1-7, SITE PHOTOGRAPHS
DEADINGS 1- /, OTE PADIDGRAPAS
I, (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood). REMARKS:
I hereby request approval for construction across or along a stream as described in this application and any accompanying
documents. To the best of my knowledge, all the information provided is true and correct.
SIGNATURE: Michael J. J. L. M. J.
SIGNATURE OF LOODPLAIN COORDINATOR: Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.
SUBMIT APPLICATION AND ATTACHMENTS TO:
Floodplain Management Section

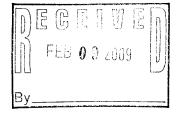
Division of Water

14 Reilly Road

Frankfort, KY 40601



February 5, 2009



Mr. Ron Dutta Division of Water 200 Fair Oaks Lane 4th Floor Frankfort, KY 40601

Re: Bardstown, KY. Application for Permit

to Construct Across/Along Stream Water Treatment Plant Filter

Renovation and Clearwell Expansion

File: 41265.002.001

Dear Mr. Dutta;

We are sending the enclosed Application For Permit To Construct Across Or Along A Stream on behalf of the City of Bardstown, Nelson County, KY. The project includes the construction of approximately 600 LF of 60-inch diameter pipe with headwalls to convey a small un-named perennial stream (stream) under an engineered fill site where two (2) 1.0-million gallon ground storage tanks (water treatment plant clearwells) will be constructed. The stream is tributary to Buffalo Creek, then to Beech Fork. We have identified the stream as 'perennial' because it is formed by small springs from the east of the project site located in the area of the Bardstown Airport. It will dry during drought conditions, but usually has a small year around discharge from the springs. Rainfall run-off from approximately 70-acres is tributary to this stream.

This Application includes:

- Application for Permit to Construct Across or Along a Stream / Water Quality Certification.
- KPDES FORM NOI-SW
- USGS Topographic Map of the Water Treatment Plant Location. (Bardstown Quad).
- Drawing Cover Sheet with a Vicinity Map.
- Design Drawings for the Work. (8.5"x 11" for filing purposes and 11" x 17" for review)
- Site Photographs with captions provided on page 2 of this letter.
- Draft of Public Notice. Publication pending.
- CD and hard copy of the preliminary JD.

The City owns the land that adjoins the *stream* (both sides). There are two properties that adjoin the project site. They are:

Carolyn Caudill, 2185 Boston Road, Bardstown, KY. 40004

Mr. Ron Dutta February 5, 2009 Page 2

Parker Beam, 2117 Boston Road, Bardstown, KY. 40004

The anticipated project and advertising schedule included an award date in March 2009. We have attached the Public Notice that will be published in the Bardstown Paper (KY Standard). The paper is published on Sunday, Wednesday, and Friday. The public notice will be advertised on three consecutive publication dates beginning on Sunday February 8, 2009. We will provide the tear-sheet and affidavit of publication when this has been accomplished.

The enclosed photographs are provided to aid the review of this application. The area is wooded and we hope the light dusting of snow helps to define the features. The vantage point where each photograph was taken is indicated on Sheet C07. The captions for each follow:

- Photo 1 Shows the box culvert that conveys the flow from the springs and rainfall runoff under the access road to the WTP.
- Photo 2 Shows the site conditions looking from the access road 'down stream'.
- Photo 3 Shows the site conditions looking east up stream towards the box culvert.
- Photo 4 Shows the site conditions looking west towards the WTP.
- Photo 5 Shows the stream where it flattens and separates within the site.
- Photo 6 Shows the typical stream through the site.
- Photo 7 Access Road looking east towards entrance from US 62 showing ditch line.
- Photo 8 Access Road looking east, cross culvert headwall on left of photo.
- Photo 9 Access Road at entrance
- Photo 10- Access Road heading towards plant from entrance, roadside drainage ditch on right of photo.
- Photo 11 Access Road side drainage ditches and inlet headwall.

We have prepared the Erosion Prevention and Sedimentation Control Plan (EPSC) for the project using best management practices (BMP) as depicted on Sheet C07 and C08. It is not proposed that any fill or unsuitable material that must be excavated to prepare the site for the intended construction be discharged to the stream or Buffalo Creek.

We are available for a site visit or ready to respond to your request for any additional documentation necessary to expedite this review. Please call me at 502-587-7884 ext 26 or email at ihlenbrw@obg.com

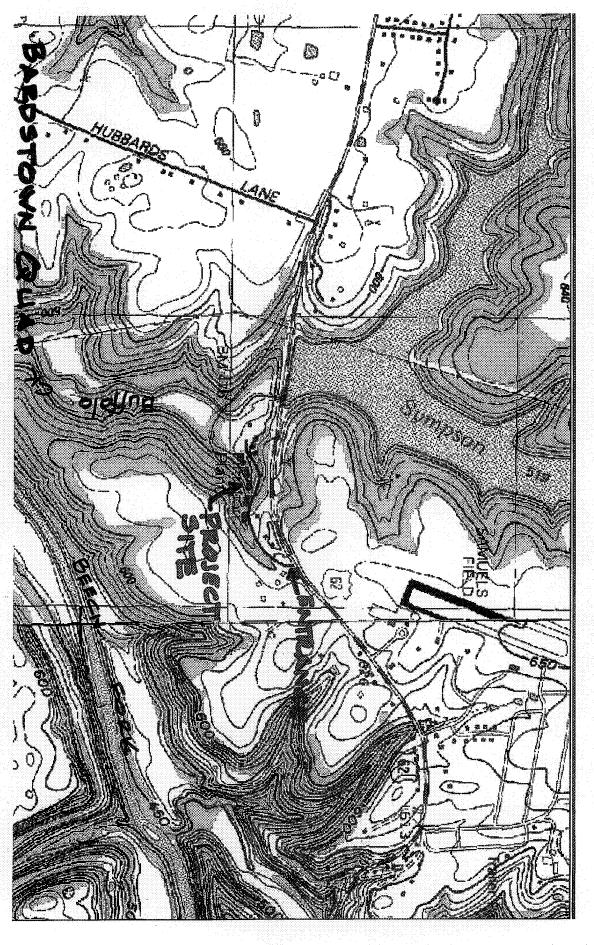
Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

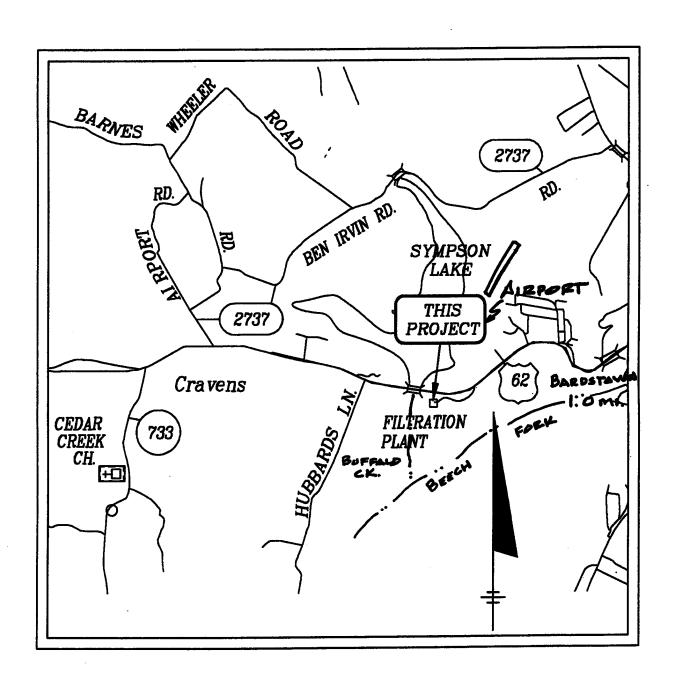
Raymond W. Ihlenburg, PE

Technical Director/Project Manager

cc: Larry Hamilton, PE, Director of Public Works and Engineering



Un-named Tributary to Buffalo Creek at Sympson Lake, Nelson County, Kentucky



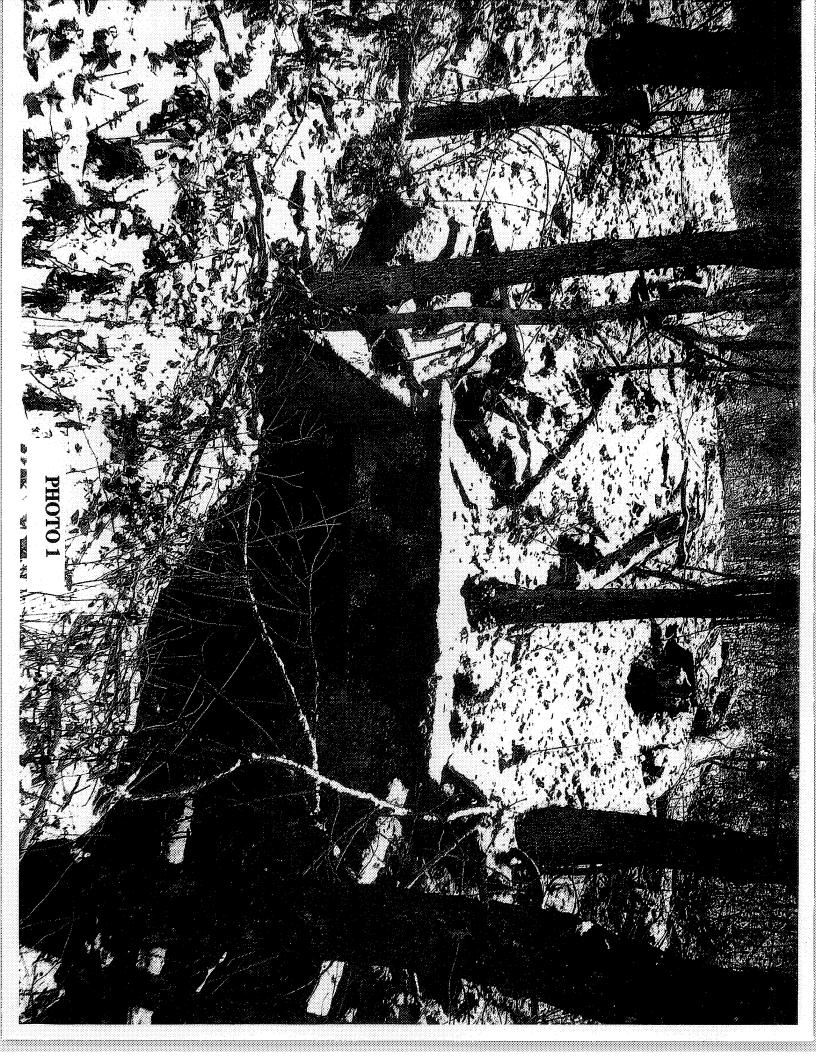
VICINITY MAP

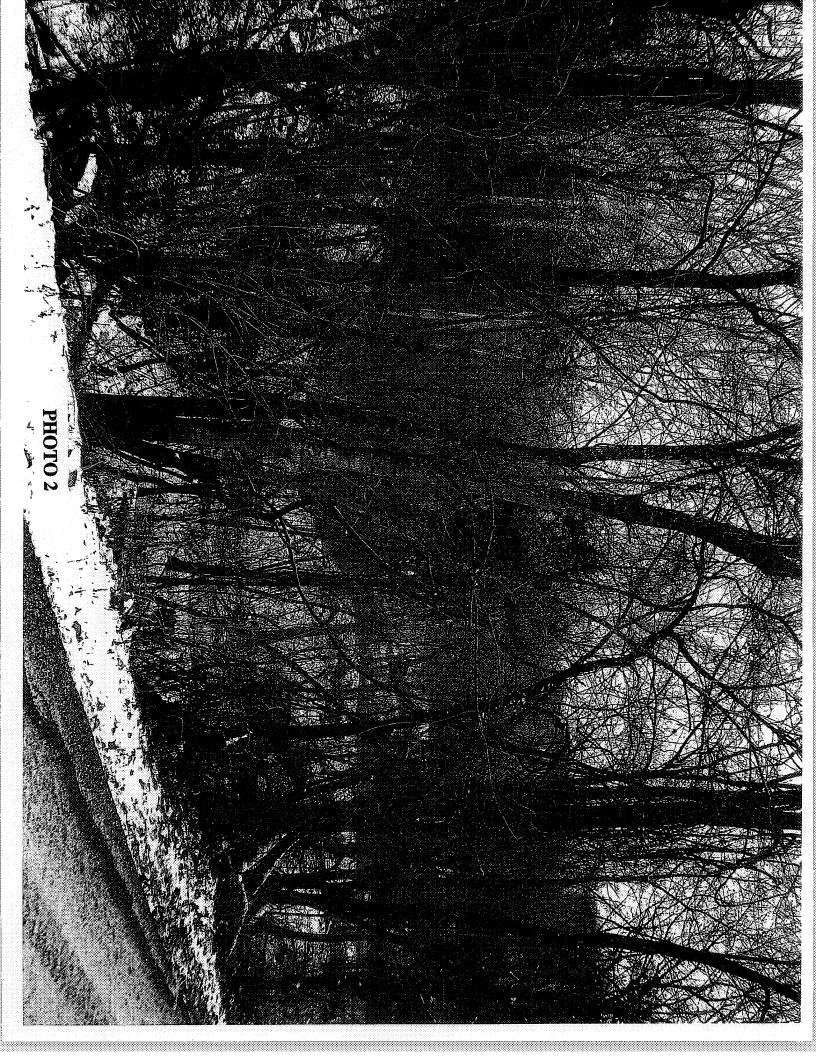


BARDSTOWN WATER TREATMENT PLANT FILTER IMPROVEMENTS AND CLEARWELL EXPANSION

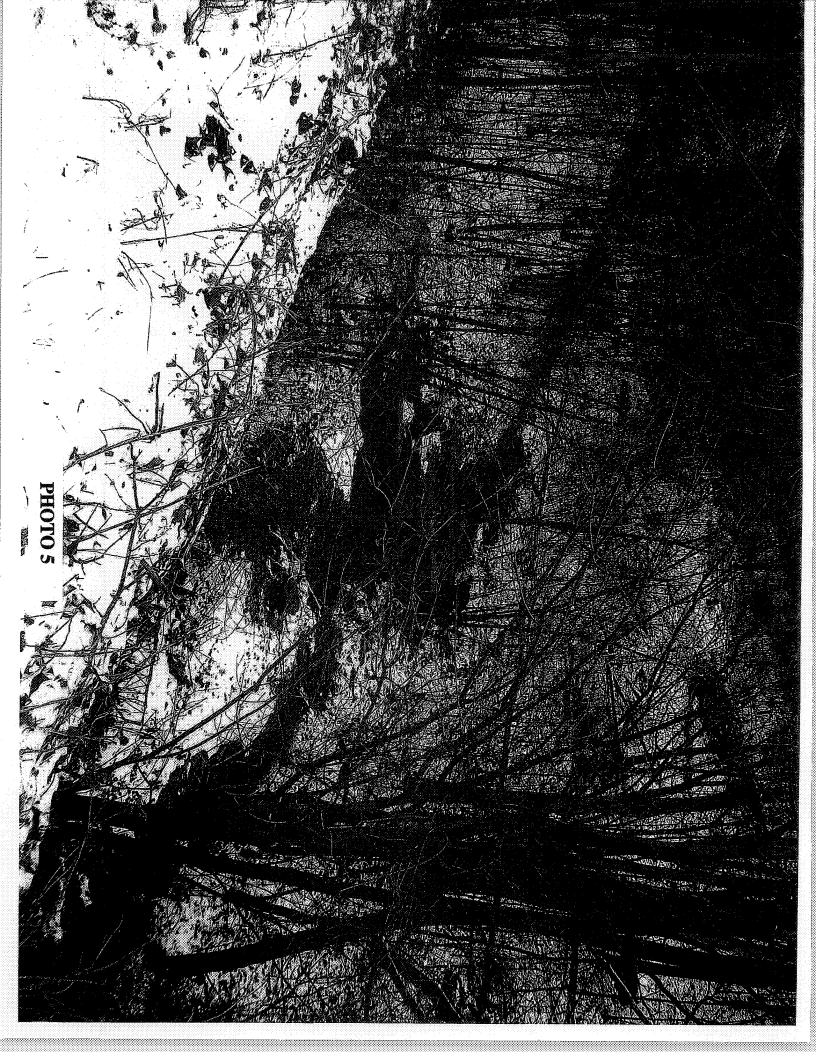
PUBLIC NOTICE

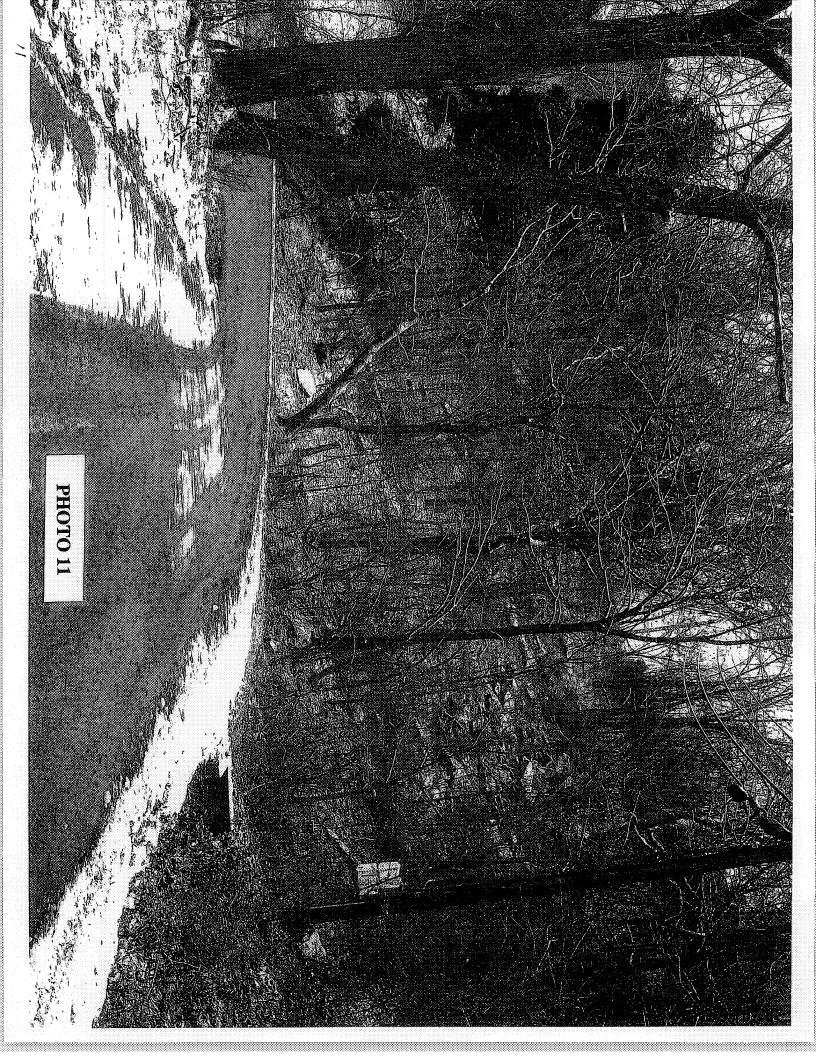
Notice is hereby given that the City of Bardstown, Kentucky, 220 North Fifth Street, Bardstown, KY 40004 has filed an application with the Natural Resources and Environmental Protection Cabinet to rehabilitate tow of the four existing water treatment filters and to construct a new 1.0-MG finished water clearwell water storage tank. The work includes site work and construction of 600 LF of 60-inch diameter storm sewer to convey drainage across the property to Buffalo Creek. The work will be confined to property at the Bardstown Water Treatment Plant. The property is located at 2535 Boston Road (US 62) approximately 1.5 miles west of Bardstown. Any comments or objections concerning this application shall be directed to: Kentucky Division of Water, Water Resources Branch, 200 Fair Oaks Lane, Fourth Floor, Frankfort, Kentucky 40601. Phone: (502) 564-3410.











DIRECTOR PUBLIC WORKS

LARRY HANILTON, P.E.

MAYOR

RICHARD HEATON

PROJECT DRAWINGS FOR

CITY OF BARDSTOWN WATER TREATMENT PLANT FILTER IMPROVEMENTS AND CLEARWELL EXPANSION

PROJECT No. 41265

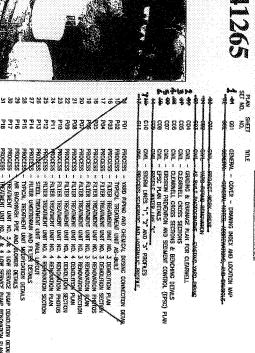
NOVEMBER 2008

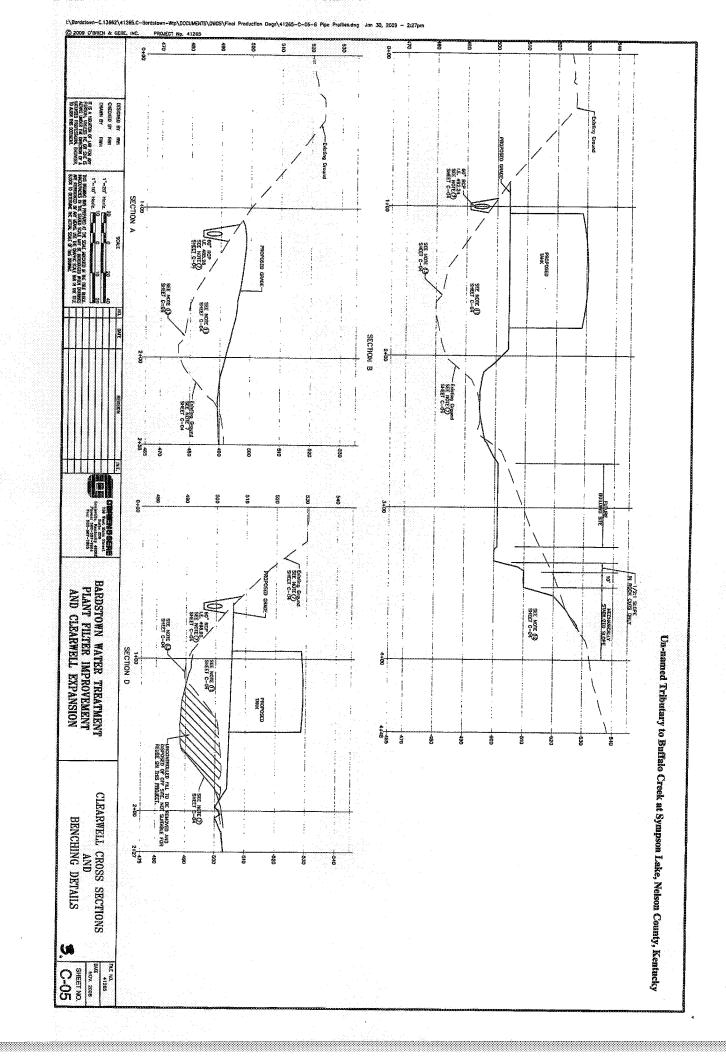


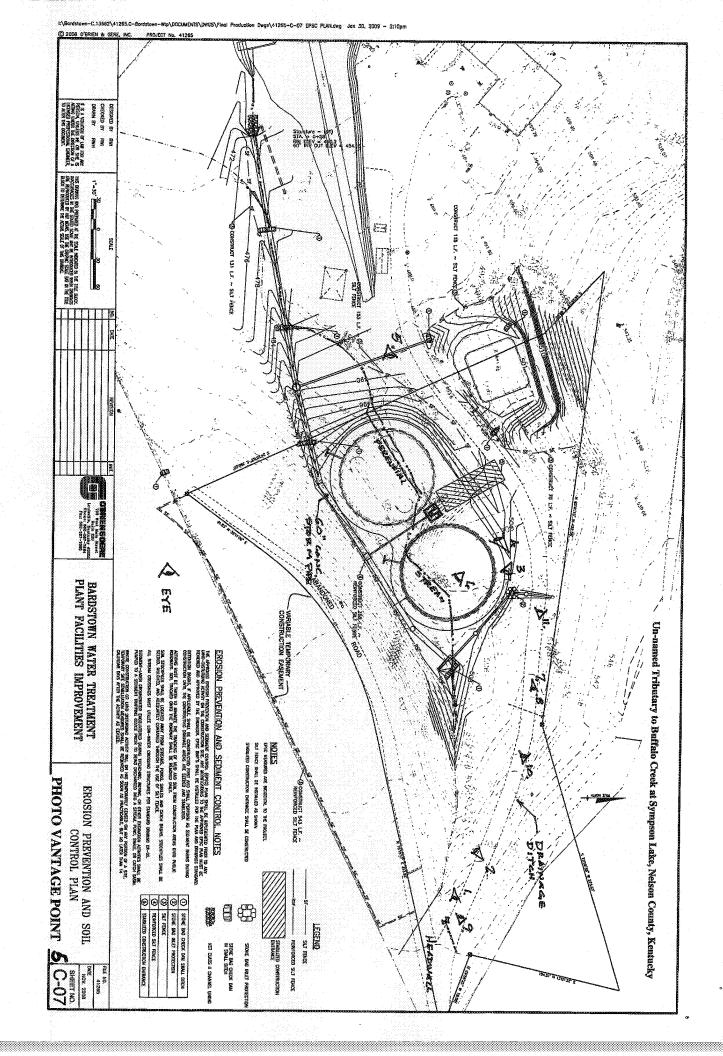
O BRIEN 5 SERE
730 W. Main St., Louisville, KY 40202
(502) 587-7884
Design Consultant

Un-named Tributary to Buffalo Creek at Sympson Lake, Nelson County, Kentucky

VICINITY MAP







Ever stempt filer cuts (50 gazes / Uners Unest stempt) should be used. A 2 clear test (tipe abed to steeper stempt in the steeper stempt file in the upstype 60 of the pents. The steeper canel cleared to 13 dech leavy duty are stopes if locate open.

The filer that shoot by percental is a coefficient and soil to the tength of the berine to coeff the cas of joint. Then gibble on exercing liter cloth should be employ Septible only on a support past with both most executly instruct to the pass with a minimum 5 is no every. positive dans the prevail the delenant dans helpd (helpd of the flor facts done group) over as 15 inches. The reprinces time legals (august of the filter tasks shows group) and to 24 inches. A fill delate travel approximately 6 status and as fation desp. or 0 f-abgust locals. B actus does about as accounter as the demander on the demander of the first state of the first state and the general special plans on Genter two 6 best dated the travel, date 2 best by 2 total sees pasts of tool 10 books and its general special plans on Genter two 6 best dated. The feest should be placed current lies shape comp a fire environs describin (perspecialists) to the direction of the Rey). The feest should be feested at least 10 feet from the fire of strain diagna to provide contental straings and occurs for incidences and observation.

Poiss should be selected, with 1 to 2 sectors of the past protructing phone that top of the fabric and no source than 3 feet of the year should

riunch si lenes erej ares (?) exiende diga ned oliko % kunn dila soch mikled med bisk pomicus (/2 dats or men profession. Ount for come were avail hen exiede a channé bereik for facou or whom ha force ned comed to seg or coloque by med destription. Place the bottom 12 technic of the litter feater tota to 8 lich teresh, extending the seministic 4 licities tereside the up stops side of the trench and butch's the trench with soil or grown and compact.

Um force fibric leans, begine to checompose or in any say becames inellective, replays the difected section of lease mandately.

SILL FENCE INSTALLATION PLUES SABIO 제 제 문 SEE DETAIL STONE BAG CHECK DAM IN SMALL DITCH FILTER FABRIC MLET PROTECTION The second secon SUBSC. BRO. 2611/AUTOCOL/ CHECK LACAY COOKS SECTION MACHE OF THE PARTY 20100 Chart and title days at up Williams. STANTES & SE OF SHAPE OF STANTES HOLE THAN THE OLIVER OF CAMPAIN COMMON THE SECOND COMMON THE SECOND COMMON TO THE SECOND COMMON COMMON THAN THE SECOND COMMON THAN THE SE

Un-named Tributary to Buffalo Creek at Sympson Lake, Nelson County, Kentucky

THE CLU ACT WAS AN WOOLD CHARMAGE WITH THE CONFIDENCE CHARMAGE WAS AN ACCUSATE THE CONFIDENCE CHARMAGE WAS AN ACCUSATE AND WAS ACCUSATED WAS ACCUSATED AND ACCUSATE ACCUSATED AND ACCUSATE ACCUS

TREE DE CHES MAS AN AMPORT O ROMANDE MOTE N'AN INCORDE ME TRI MOS CAMPO CHACH. ETLA REF SOCIO ME EL MASS EL RAMANDE ME MOS COMPARE MESA, CAMPORNE MESA, EN REPUBBLICA DELS REFLEXOS MESANDES. EL REPUBBLICA DEL PORTO DEL PROPRIO MESA, CAMPORTO DEL PORTO DEL P REAL FOR PRINCIPLE OF CHARLES AND CHARLES COURT ONLY SOOK OFF DATE ONE SOUTH ACT IN THAT IS ACTIVED TO CHARLES OF THE COURT OF CHARLES OF CHARL

RAINE INTO CHECK THIS IN SMICE THIS

elekt derek i tek komen si andrik alikej i brogiskadet het commen et e dete. 1906 etak die steh dali ja bomen en het daar is soon aan de daar en het commensuie dejch ei, al het sook flakkom al 2004 et het delek (jadua) meldelek stehende.

MAN THE SPIRED BLASH DECISIONER AL MANDAY, DOCK IT HANN DIEDDE PORTROIT HEIGHT RANN A HADA. TANNEL DOCKHO HYN LAWENDE, MILLE HOU HEIL HEIL DECISIONER HEILDEN, BETWIE HOU HOU HOUTH HEILDE HUS HAD HANNEL HE HOU HOUTH, ID HEIL DOCK, THANDO OF THE HOUTH HE TO WHATH HEILDEN, BETWIE HOUTH HOUTH HOUTH HOUTH HOUTH HOUTH HE

adie desse de sont et doch fie de logen besinde no eshan him hencet ma he dien die et mened henzeng de de Produkt ennemen et doch fie de logen besinde no eshan him hencet ma he dien die et mened henzeng de de

regional. The second of the second of departure is the second of the second second second second second second The second of the second of departure is a three second second second of the second sec

ATH STRIP (ATTACH WITH)

SILT FENCE INSTALLATION

FABRIC ATTACHMENT DETAIL

SACKFIL TRENCH WITH COMPACTED EARTH

elter eable -

PLUE FASSE:

JAH STRD: 22

PACHE SATTH

BUNCHT 15

Y SHAPE TRENCH DETAIL

FLAT-BOTTOM TRENCH DETAIL

Y-SHAPE TRENCH DETAIL

HEM WIDE LAIM SIRP

THE PASSE WAT PROTECTION

1997 SPALET SPATOLATION DE HISBAIG ET RE DET A UNIXEN ET 3-VIII VAN AU 1901 ES ES ERSEG E INSELL ET 3-VIII. DECEMBER TO SHALL REPORT TO THE WASHINGTOWN TO SHALL BE HOUSE OF THE RUST BARCOLARIES CHAIL THE REPORTS FILE-ROY AND SHALL HE TOWNS SHALL. AN AREA DE SERVICE CONTRACTOR CON Tends for an attention section and spine a capital and states of the capital survival and spine.

REPLYING THOSE OF HAS SELVEN WHEN (I) CHECKE DES AND WHILE \$1-0000 WITH GOT THEFT. ARCE SHOT AL SURPLY IN THE CONTROL STATES AND STATES SHOW OF HORSE-OVER OUR TO THE PARTY STATES THE STATES SHOW OF HORSE STATES SHOW OF HORSE-OVER OUR STATES SHOW OUR STATES SHOW OF HORSE-OVER OUR STATES SHOW OUR STATES

AN THE MAIN PROTECTS CONTRACTORS OF THE PROTECTS OF THE MAIN PROCESS OF THE PROTECTS OF THE PR DERENE PROPERTY OF COUNTY PROCESSES OF COUNTY OR COUNTY OF COUNTY

HOUSE BAG WITH SAGESTION

STEEL THE SHARE SHALE AT SHARE PREVENTIONE SHARE SHARE WE CANSO OF THE HOUSE SHARE S displayed free lacked gains got goed back soo shart rive sames account shad has present hack by the same has displayed by distribute that want want a registrary of this (2) blobs of decay to a screens of the boxes in 1800an.

o Cumbar receivalent, forme e tidea nei koes gy'nse best geging it decentaties de la receivat de la descripció Decentar receiva de second devec de second de second decentario decentario de devec con decentario de secondo de Decentario descripción de secondo de secondo de secondo de construir de construir de devec con decentario de secondo ESSAN ASSAL ALLI PROSEZIONI LOGICINNI SOCIALO DI CIDOSSI GALI TITTI NI CIDINASSI DI RELIGIO INCLINI CONSIDERA L'ARRESTO ESSAL AL L'ARRESTO MENTO, ANO SOMMAT, RAS DESSAL SI RELITATATA L'ARRESTO DI RELIGIO DI RELIGIO DI RE SOMILO DERIGIO RESTO DE RELIGIO DEL SECULIA CONTRE CONTRE DE PROSPIANI PREMIOTE SIDUATION LE NOSI FOI SOMILO DEL REGIO DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI SOMILO DEL REGIONA DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI SOMILO DEL REGIONA DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI SOMILO DEL REGIONA DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI SOMILO DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI SOMILO DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI SOMILO DEL PROSPERIO PERMINETE SIDUATION LE NOSI FOI PROSPERIO PERMINETE SIDUATION LE NOSI FOI PERMINETE SIDUATION LE NOSI PERMINETE SIDUATION LE NOSI PERMINETE SIDUATION LE NOSI PERMINETE SIDUATION LE NOSI

SEDIMENTATION CONTROL DETAILS EROSION PREVENTION AND

DATE NOV. 2008

FLE NO. 41285

THE MEST RESPONSE SEEMS WHEN

COL CANTE ATEC OF TARRO OCCU LANGE ST COLOR SERVICES OCCU LANGE SERVICES OCCU LAN STIER SHORE BUILD OPTIONS

STONE BAG IMLET PROTECTION

AND THE CALCH BREINS

THE IN STORE BREINS

CHECK AT CATCH BREINS

CHECK AT CATCH BREINS

WIT TO SOUTH

The customer and the state of t RIGH MAN

STREET AND STREET

Sil have should be innoved within 10 days eiter land steasization is exclained as other temporary SMFs, can as support excess incapial seatment statute in received as statistical on after, Debicted cases remarks from force remarks statistic permanently steasized. bediment must be recovered when it reaches approximately 1/3 the hopful of the tonce, expectely it hoppy rows are expected

DRAWN BY RWH

THIS EDURANG NEW PROJUCTION AT SOLUE MODISTION IN ICT THE EXCIP-SAME CORPORATION OF MAY MAKE CAT IN GROWING SCALE AND HE THE THE BOOK TO DESTANDANCE ME ANALYSIS CAT, IN GROWING SCALE AND HE RE THE BOOK TO DESTANDANCE ME (ATHAL STALE OF THIS GROWING.

SILT FENCE

SCALE

NO. DATE

REINFORCED_SILT_FENCE

BARDSTOWN WATER TREATMENT PLANT FACILITIES IMPROVEMENT

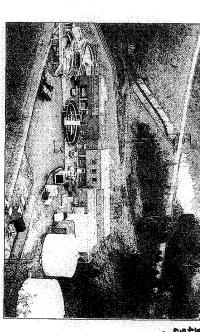
PROJECT DRAWINGS FOR

CITY OF BARDSTOWN WATER TREATMENT PLANT FILTER IMPROVEMENTS AND

CLEARWELL EXPANSION

PROJECT No. 41265

NOVEMBER 2008



DIRECTOR PUBLIC WORKS

LARRY HAMIL TON, P.E.

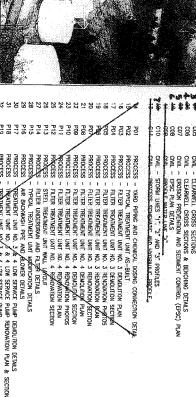
RICHARD HEATON



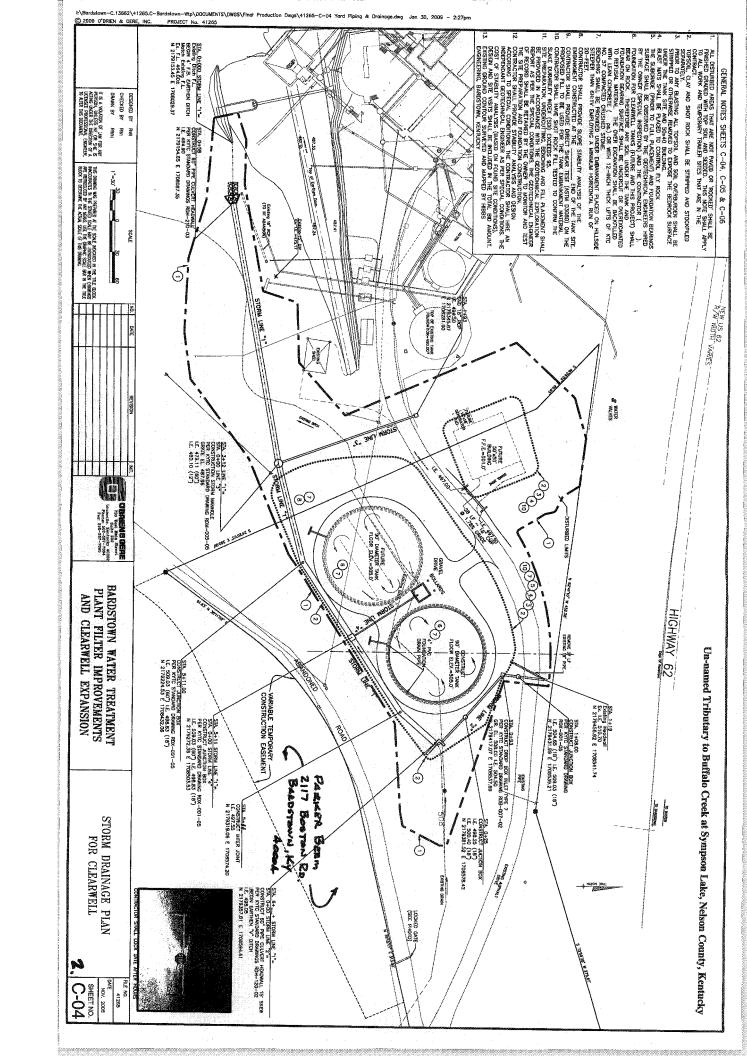
O BRIENE GERE

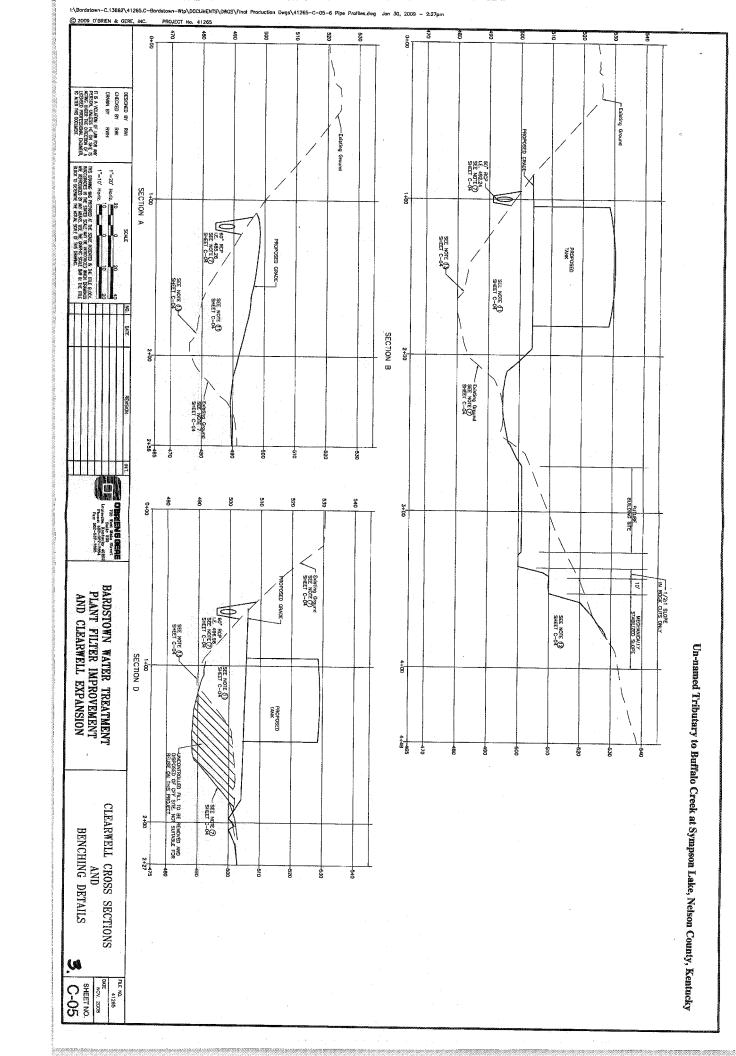
Un-named Tributary to Buffalo Creek at Sympson Lake, Nelson County, Ker

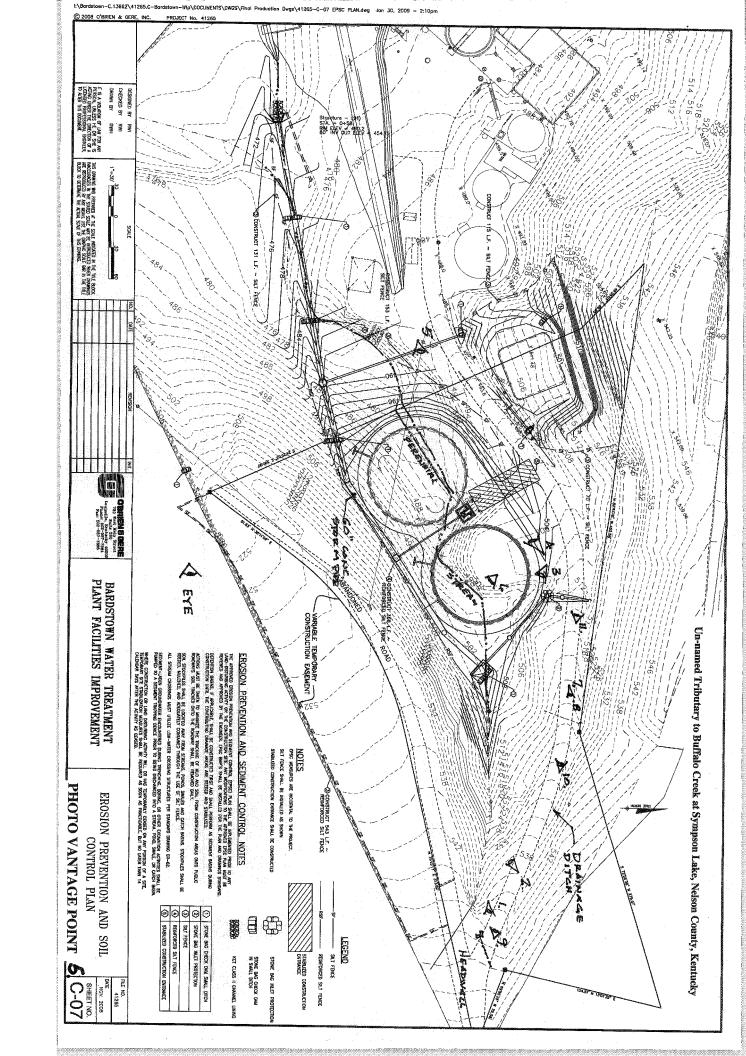
VICINITY MAP



	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	= 8488 2	PROCESS - CÓMITOL VALVE VALVÉ KOUPMENT ENCLOSURES PROCESS - JÁMANDO BETALIS ELECTROX - STÉ PLAY ELECTROX - STÉ PLAY ELECTROX - HOL VATOT AND SINGLÉ DAS BAGGAM ELECTROAL - PAC PUMP AREA RENOVATION PAN - ELECTROXL BLOTTROAL - PAC PUMP AREA RENOVATION PAN - ELECTROXL BLOTTROAL - MOSELLAREGUS BETALIS MISTRAMENTATION - SCADA NETWORK SCHEMATIC
	47	= :	INSTRUMENTATION - SCADA NETWORK SCHEMATIC
	4 6	S02	STRUCTURAL - GENERAL PROVISIONS STRUCTURAL - GENERAL PROVISIONS AND TYPICAL DETAILS.
	g	8	STRUCTURAL - TYPICAL DETAILS
ntucky	5	S04	STRUCTURAL - FILTER TREATMENT EXISTING TUBE SETTLER PLAN
	52	S05	STRUCTURAL FILTER TREATMENT UNIT GRATING PLANS
	53/	S06	STRUCTURAL - FILTER TREATMENT UNIT SECTIONS
	5	S07	STRUCTURAL — FILTER TREATMENT UNIT NUMBER 3 RENOVATION STORON



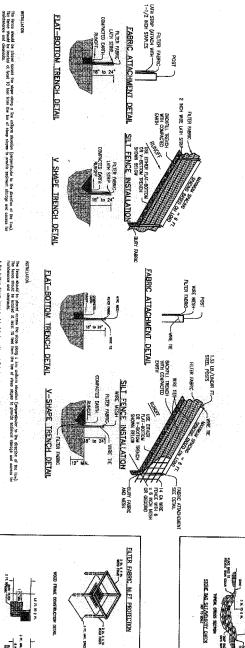




controls down the ground. The minimum fence height (height of the filter fear's down grote) shall be 18 trates. The maximum bright of the filter fearir above grote) shall be 24 inches. tests alreads he installed, with 1 to 2 inches of the peat protrading above the top of the labric and no more than 3 feet of the est should

filer factic should be purchased in a continuous roll and cut to the length of the barrier to croid the use of joints. Waven s are necessor, filter colls abould be exapped together only of a support, post with both ands securely featured to the posts a minimum of hith overfice.

ed-deltan (trong approximate) 4 inches side and 8 inches deep, or a V-aniqued tream 8 inches deep phoid be commoded bed-deltan The french of the 2 inch so the commoded the side of the commoded the com



the finite should be placed occase the above doing a law uniform elevation (perprindicular to the direction of the law). The finite should the lectable of liest. To feel from the toe of shelp stopes to provide sectment storage and occase for maintenance and distributed.

A the behalf with deptoximately 6 indias who and B behalf along, or a Y-shaped thresh 8 jackes deep should be annoted to the demonstration of the demonstration of the desired of the demonstration of This should be indicided, with 1 to 2 inches of the port-porturing above the bay of the fabric and no more than 3 best of the post about the post the ground. The minimum forcer highly (height of the filter labels above, graph) shall be 18 teams. The maximum frieight of the filter fabric above grouph) shall be 24 inches.

The filler force should be persponded in a medicinums coll and city to the length of the barrier to proof the use of joints. When joints on messers, likes obtainable the empored together only oil a support pool with both ones securely tentered to the posts with a missimum 6 jeth overlap. Client sharely filter colds (\$1) seemed / Lienar teache strategis) seeds to suppose A 2 and now letter stad to except own the Ristr factor to securary cates it to the updage side of the pasts. The stoples and accuse to 1.5 inch leavy day size stappes aspect or mannium of

HISPECTION AND MARTEMACE Place the bottom 12 inches of the filter habite into the 8 fech trench, extending the remaining 4 inches tracets the up separate of the transfer and acceptant one backet the transfer habit sed or grovel and compact.

loaded 25 ferce every shreen (7) collectic days and value 25 fears after each railed oracli that produces 1/2 both or more probabilish. Or once where must have ended a chemical beautift his ferce or where the finite was counted to say or colours by changing companying.

lassed, all frees meny mone (1) schedule days and white 24 haven citic even named event that precises 1/2 hads or incre-productions. Communication of the c

Many the bottom 12 instact of the filler father into the 8 inch trench, extending the remaining 4 leathes towards the up stope side of the trench and backful the breach with soil or glovel and compact. Extra elseigh filter clob) (30 pounds / Linear feeder stemph) should be used, A 2 noto selle colbe shall be altopad our the ground of the quality selle of the point. The stephs used stood by 1.5 inch henry only with adopted a resonance of should expert.

inspection and maintenance.

Sist force droudt be removed within 30 days other first stabilisation is achieved or other temporary BMP's are no langer wester Trapped septiment shauld be removed or stabilised on sits. Disturbed areas resulting from those seconds shall be permanently stabilised. selment must be removed when it reaches opproximately 1/3 the hight of the fonce, especially it heavy rains are expected If the facts foliate lears, begins to discompase or in any very becames ineffective, replace the effected section of feace immediately.

REINFORCED SILT FENCE

ž

ONNEN GOERE

70 Fort Main Street
Saite 200
Louisrillo, Kontundy 40202
Phone: 502-567-7884
Fac: 502-587-7885

F. S. A VICATION OF LAW FOR ANY FERSON, UNLESS HE OR SHE IS ACTINO UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ACTER THIS DOCUMENT.

DESIGNED BY RWI

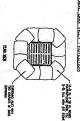
SCALE

RWH

Stiffens should be removed within JU does ofter final stubbledden is ochtweid er after tempocary BUP's are na beiger nested flagged ertiment should be removed or stubbledd on afte. Distated areas receiving from force remand should be permanently stabilized.

indiment must be removed when it reaches operationally 1/3 the hight of the force, especially it beauty rains are expected the fence labric teams, begins to decompose or in any way becomes invitedire, replace the affected section of feace namedrately.

STONE BAG INLET PROTECTION



osicions sono è may don sono (7) ocodo dos aso en a 2-co25 ata did nassil den thi princis 3-kocs o Aso se recuriado, an redio ednos sonos (6 magos madwill).

MALE CHARGE STREET NO THOMAS IN THE CHARGE NO THESE WAYS MALE CHARGE STREET NO THOMAS IN THE CHARGE NO MALE CHARGE STREET NO THOMAS IN THE CHARGE NO.

ELTER FABRIC MAET PROTECTION

SIGNE BYO SITIVATOCIAL CHECK

THE BOS ID UT

THE SHOP IS NOT ALL AND ALL AN

THE DIG AT HE SHOULD CONTINUE SHALL COLVE THE HOOST MOTOR ON THE PLANK, OR COLVE THE APPRICAMENT STADE FOR

ARRENDEZ. DE LEGIO DE LA CONTROL LA CONTROL DE LA PORTE DINK D. S. HE CARCINE ARROY, MAC Nº TROMAN HOMBON DE L MONTROMAN CONTROL RECORDE NO PROMET CORROY NO RECORDE DE LOS DESCRIPCOS CONTROL CORROY DE LOS DE RECORDES DE RECORDE DE LOS DE LOS DE LOS DE LOS DE RECORDES DE LOS DEL LOS DE LOS DEL LOS DE LOS DEL LOS DE LOS DEL LOS DELLOS DEL LOS DELLOS DEL LOS DELLOS DELLOS

adne decas as stok as het are ha lokath atsiako to contro, flor volodnes and the died divi de sublicio actiones as the Protekte sublicion somblaes da 6 tarch out of estance.

er sponja eriskijo komine chevo kr.) nje abanda komin fi bana odboda producim programam a atolo. Met charis eri abanda komine edis ja eriskoj di marka, kominen, maane maj diploje mem jeks kao depose of Metoda, dia nje lumik samand de dom bat i met dibi a met met.

STOR FLI. DAG DIALL DE SONS FOLTMANNIS MAS ETA APPLICADE DADISONS DE 12-1/2 SONS DE 22 HOUS. DE DAG SMIL D RILLD WITH JEC MA, 25 SONS, DE SANS DE FALLO MAS LONG UNITE STANS DE 1985 DE 1985.

THE CONTRACT THE LET SETTING THE MEASURE DECISION WHEN THE LET STORY BY STREETING MAN STREET, AND THE STREET, de da a manya, admadi -lamang tanat dal souto es actorio es actorio dedne omnet souto jude demonen attribuir de Des da a manya, admadi -lamang tanat da souto es actorio degne omnet souto den demonentation demonentation de ndal ma sedde ae to et aucto gi dha-mae ateke dan, etac da caca diag sanda kit et biol et betjare, ait jaine o Ne sievar, aig bi mates de communent.

HOTEL SPINCE WANTES OF VELOCITY DIGITIES ALONG STOCKH REVOX, USE SPACING TO SPICK THAT THE CHICKLE OF CONVENIENT CHICKLES AND THE SMEE ELECTRICAL AS THE LOTE OF LIFSTIFICAL CHICKLES.

STONE BAG CHECK DAM IN SMALL DITCH

SLOWE BYC CHECK TAYN BY STATT DIJCH

Un-named Tributary to Buffalo Creek at Sympson Lake, Nelson County, Kentucky

LINE MARIE, SICIAI DE ACT PROTEZION RENA MORA MORA TIONA NE MALINIAN REAL DIA STR DI INSI) REI DE TRACCIOR REN REÑO, DEL ALTI PROPA, I RECHARTA L'AL MALINICAS DE RECORDE 1910 MA TAL DIA RECORD CONSO DE UND HOTE RASS ME INCIDI REME MATIN ACCUS, CONCOMBURD FAIRE SOOI NE RESTRUCT O LOCAUR MATINAS.

stats such at such arthae he present is the refl a member of 5-cep apar and over but the organ a possely of 13-ref. siles shall be shall for decendant a breath under or 3-fee, he reserve no rather shall have chare shall be a broad Of 13-feet and shall have decendant a breath under or 3-feet, he reserve or rather shall have chare shall be a DOWN-STROKEN FORKE COME, SO FORKES / LIKSAN KICH MINISSE TECHNIC DIVERGOUS INCL. TO AGOD JOSEE. CANNETS SHOULD BE USED, PLETS FLERIC SMILL BE OUT FROM A

LINEAC SACTINE ZHADIO GO ZIE GARGON ERHERS RUN ERHERS MASE GE NEWL-DOLL MASE VI FINNE THE VENNEZ FINNE SHACE SACTINE DERIVATION OF ANY ANY SHACE SHACE SHACE DERIVATION OF ANY ANY SHACE S

THER FABRIC INSTALLATION DETA

MARTÍ SOUD DE ROMAN PROL FERCAS, PROMEMENT À TRE MORF OF HA TROS. E À SUR E LISTA, SOUDOR SOULD DE ROMAN PETI FIZIA PROMEMENT À HE CORP A' DE MAIL HAMBI NE FOIL ARG, AUNS PRIMADA JETQUET STRAJAT SOUME COLLIGE FOIR ME MAIL TORIL DAG CHE ART TO OMNES DE LINDOORS ROME HAS LEIDAND GOLDON. DES 1598 MET PRICEIDS SENTINGS SOAD SE SUMME DES PETE DE DESTROS 1500 MET PERMENT STRUCTO ADRON EL Reference metal met sumber, and destros en das presente, duar de la company anni de l'adresse s'in l'adro met Metade dess. Les durastrus debungs explesies respect à service des deux sound de reti.

ACIE NO 1970 HOLD TO SCALE CHECK AT CATCH BASINS LOT TO SCALE CHECK AT CATCH BASINS LOT TO SCALE A TO THE STATE OF REGACE P.48 123 MASS SECURED BY AND TO CHOSE SHAPE S

PLANT FACILITIES IMPROVEMENT BARDSTOWN WATER TREATMENT

STONE BAG MILET PROTECTION

STATE THE MACE SHALL HE MODEL FOR SHOPPING BUCK HOW, APRILLIAGE DIABOGOG OF 18-3) HOUSE HE 28 HOUSE. THE SHALL SHALL HE MILLIO IN TO BY THAL HIM HER, HA, SY STAME, HE DIAS OF THISD SHALL HAVE DIABOG DAME STRANGS OF MACE THE PRINCIPAL THE LICENS COURS OF THE GUCK NO. THAT THE GUPS DETRICH BLOSS ARE TILLTO AND THE BLOSS OF THE BLOSS ARE PLETELY SUSSIONAL THE HULT WITH A MEMBULS OF THE [2] HOWS OF BLOS TO A MANAGE OF 12 HONES IN ADDITION

ANDRA ORAN EMIL PROTECTION MINISTERSES SOULD DE REMYNES DANS MET THE CORREND REES LAFE SOUMMENTS. EMILACIDE, REMAN ELL DESCRICTION MONDAL, AND ESCRICTION, AND ESCRICTION FOR ELL PROPRIATE, CONCERT DES CONTROL MENANTO THE LEMANTHA OF THE METEL THRUSTICES COSTS, LOS RAPPOZANCE PERMANENT STRUCKTON METHODS TO admini addialute, redné il tiem ne fac co ne bas redné s'accimants to a bom sou, to 3 ne Tradine hatar, any associatives sould be mandid madinedt, the chesit to dance of indeboti re As mai fondam serapa. TICKE SHOOLD HE WAR EADY! (?) CALBOOK HAYS AND WITHIN 24-HOURS AFTER EASH RAINIAL ROOM THAT CES JA-MCHES ON MONE OF PRECIPIONING NAY WELDOOD REPORTS SHOOLD HE WANCED HEADDWERY. NO REPLACE ANY CHARGES WAS AND OSSYCRE OF THEM PROPERLY.

SEDIMENTATION CONTROL DETAILS EROSION PREVENTION AND

NOV. 2008

FILE NO. 41265

C-08 SHEET NO